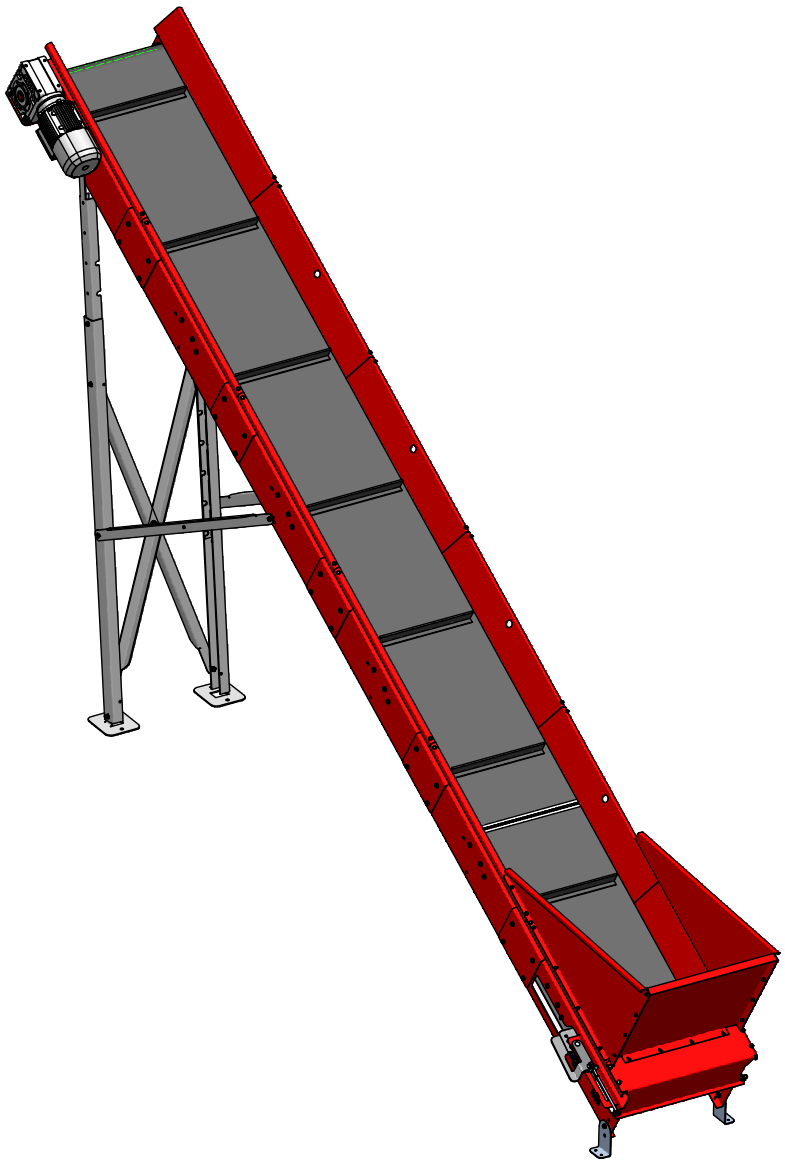
Operator’s manual -
Spare parts list
Conveyor TR



IT_06

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1 General safety instructions

1.1 CE - Declaration of conformity

We,
T. Kverneland & Sønner AS,
Kvernelandsvegen 100
N-4355 Kverneland
Norge
declare that the product:

TKS - Conveyor TR

has been built in conformity with the Machine Directive (2006/42/EC) and meets the relevant fundamental health and safety requirements.

Kverneland, 03-2013

Tønnes Helge Kverneland
General Manager

Enter the serial number of the machine

_____

T. Kverneland & Sønner AS, manufacturer of agricultural products, reserves the right to change the design and/ or specifi cations of its products without prior warning. This does not imply any obligation to modify previously supplied machines.

1.2 Guarantee

This TKS product is guaranteed against manufacturing and material defects for one year.

If the owner wishes a defect to be covered by the product guarantee, he or his representative must inform the dealer of this when ordering parts and/or repairs. Claims must be reported within the guarantee period.
The dealer must complete a claims form for each case covered by a guarantee and send it to TKS or TKS's distributor/importer within the 10th of the month following the one in which the defect was reported.
The defective parts shall be marked with the claim number and be kept for up to 6 months so that TKS or TKS's distributor/importer can inspect them.
Since TKS products are used outside the manufacturer's control, we can only guarantee the product quality, and not that it will perform its function, nor are we liable for any resulting damage.

The guarantee is not valid if:

a) third-party spare parts are used, or the product is repaired or altered without the approval of TKS
b) the operating and servicing instructions have not been followed
c) the machine has been used for other purposes than those for which it is designed

The guarantee does not cover damage due to normal wear and tear.
Offi cial safety regulations specify requirements that apply to the manufacturers of this machine relating to the careful review of safety hazards that may arise when this type of machine is used correctly. Therefore, TKS and our importer/distributor are not responsible for the functioning of components that are not shown in the spare-parts catalogue for this product.
TKS reserves the right to change the design of the product without this implying any obligations in relation to previously supplied machines.

NB! It must be possible to identify all enquiries relating to this product by the product's serial number; see page 7 on Machine identifi cation.

1.3 Introduction

Congratulations on buying your new TKS product. You have chosen a functional, high quality product. A network of helpful dealers will be able to advise you on its use, as well as provide servicing and spare parts.
All TKS products are designed, tested and built in close cooperation with farmers and machine workshops to ensure optimal effi ciency and reliability.

Please read this instruction manual carefully and familiarise yourself with the machine's manner of operation before starting to use it.
Many different factors and variables can affect the performance and method of operation of the machine. It is therefore very important to assess all known factors and adapt the way in which the machine is used accordingly. A good understanding of the machine's method of operation and performance, together with a sound knowledge of feeding and
feed types/consistency will ensure the best results.

By being thorough and making the necessary adaptations to local conditions, you will ensure the best possible results.

Yours faithfully
T. Kverneland & Sønner AS

T. Kverneland & Sønner AS,
Kvernelandsvegen 100
N-4355 Kverneland
Norway

www.tks-as.no
e-post : post@tks-as.no
Phone : + 47 51 77 05 00
Fax : + 47 51 48 72 28

1.4 Technical data - Conveyor TR

1.4.1 Model description and area of use

The universal Conveyor TR with a length of 3–9 metres is a lightweight, flexible structure for the practical handling of materials, which can be easily adapted to all medium-weight materials such as: wood, chippings, timber waste, potatoes, onions, root vegetables, pellets, silo feed, ice, fish, etc.

The Conveyor TR belt and carrier are powered by an electric motor on the drive roller, or by a worm gear motor at the top end of the belt.

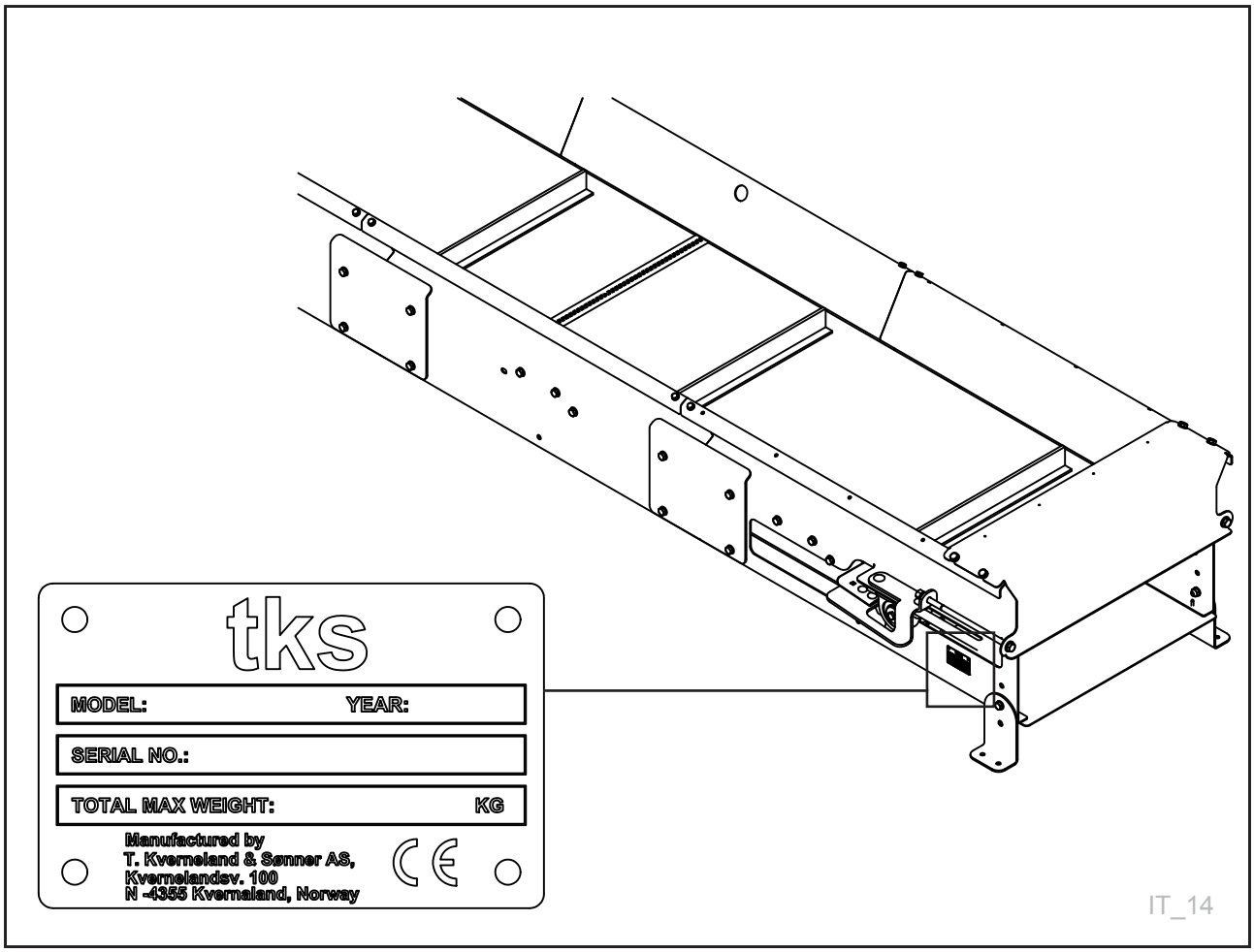
- The carrier belt runs on sheet metal bases.
- Conveyor TR belt of reinforced rubber with carrier.
- Minimum operating temperature -20^{O}C.

Conveyor TR:	**600**
Belt width in mm	600
Motor power rating in kW with 5-metre	2,2
Belt speed in m/sec	1 m/sek
Carrier height in mm	60mm
Carrier c/c spacing in mm (standard)	750

Available equipment:
Supporting foot
Refilling funnel

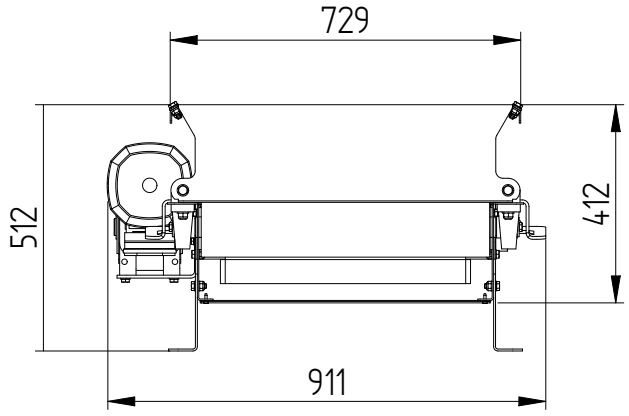
1.4.2 Machine identification

The machine’s serial number and the manufacturer’s address are written on a plate on the machine. See the illustration on this page. The machine‘s serial number and the delivery year should be written below.
Please use this information when making any enquiries about spare parts or servicing.
This product is CE marked. This mark, along with the associated written EU confi rmation, means that the product fulfi ls current health and safety requirements, and complies with the following directives: Machine Directive, 2006/42/EC.



1.4.3 Main dimensions - Conveyor TR

All measurements are in mm.



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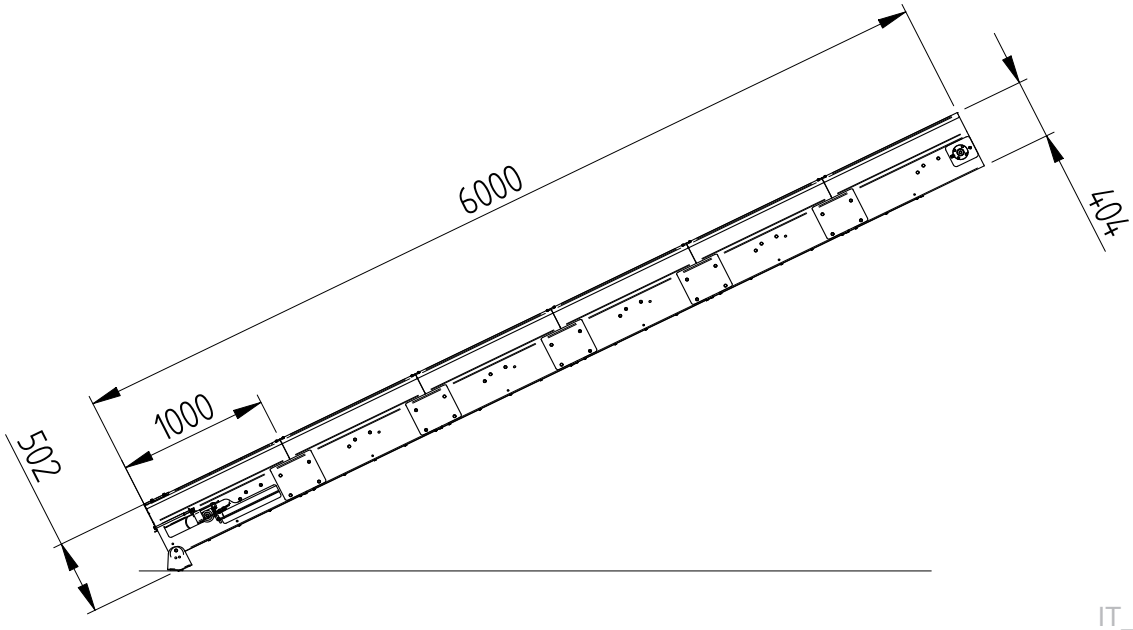

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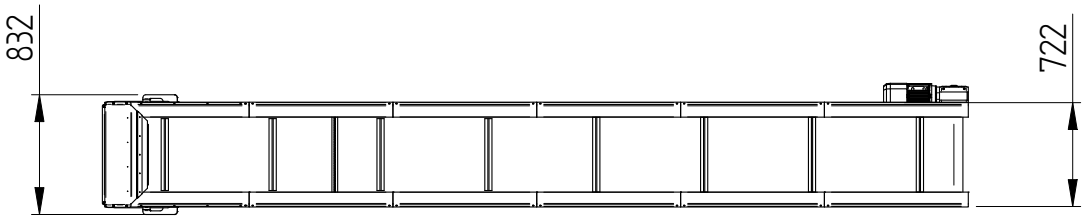
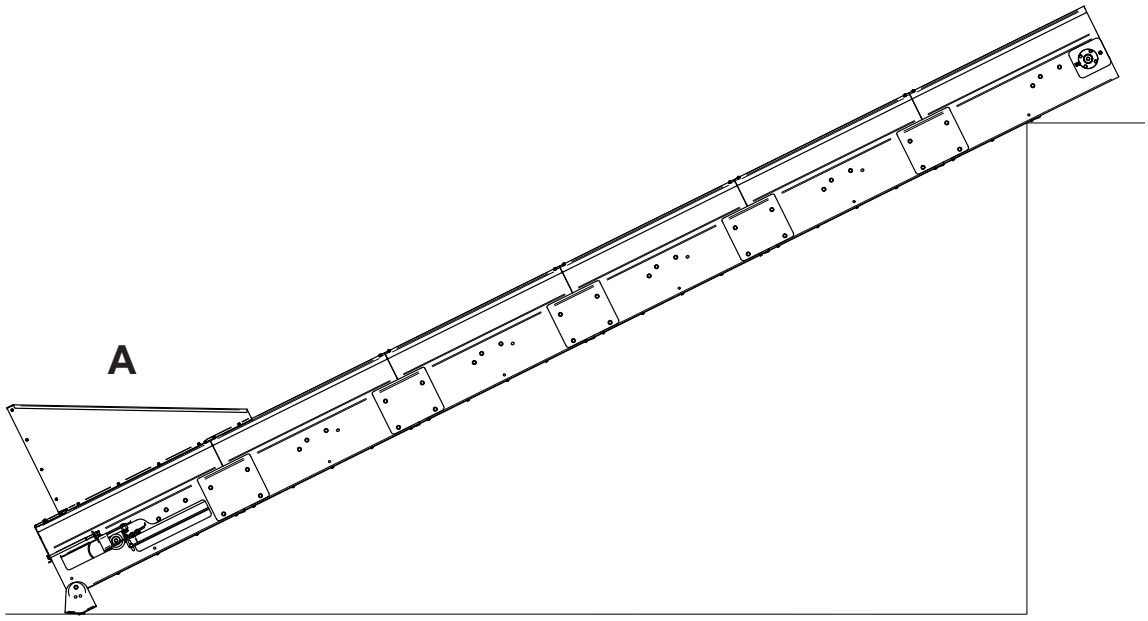


IT_12

The refilling funnel **(A)** should be used on slopes exceeding 35°. Max slope is 45°.
See extra equipment.

Example:
Conveyor TR length of 6 m. Slope 30°
Height to top end 2,85 m
Length from rear end 5,40 m



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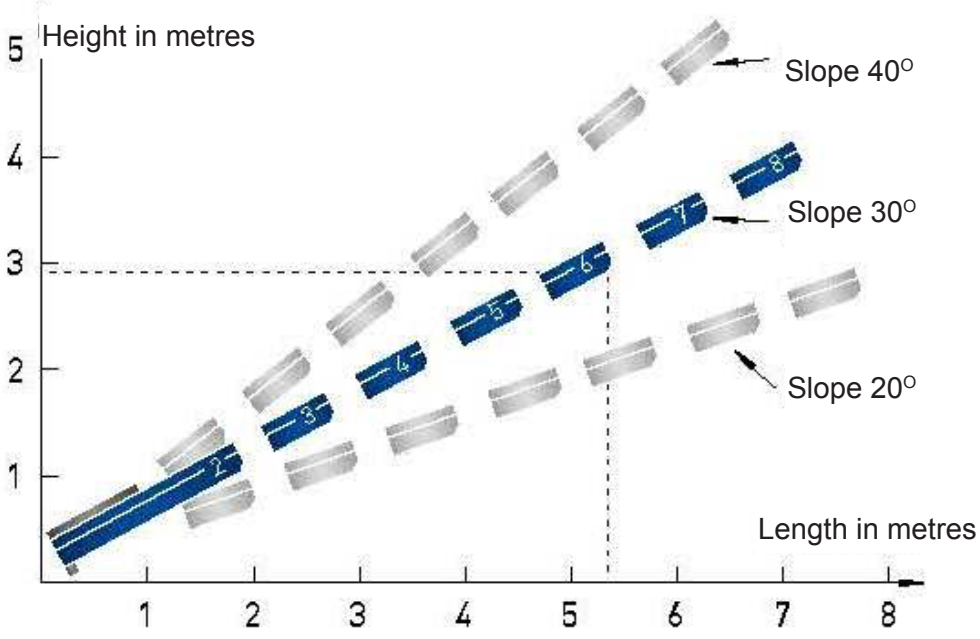

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1.5 Safety

Please pay particular attention to this symbol. It designates a safety risk, and describes precautions that must be taken to avoid accidents

Before operating, adjusting or repairing the machine, the user, technician or owner should familiarise himself with the safety instructions contained in this installation manual.

Using the equipment for the fi rst time:
It is important to drive carefully in the beginning in order to adjust the driving pattern to local conditions and to the consistency of the bales. Please note that this affects functionality / mode of operation. Proceed carefully.

1.5.1 General safety instructions

Safety at work is your responsibility!

Please read and understand these general safety instructions.

Use of the machine
The machine must only be used for the purpose for which it is designed.

The machine's method of operation
The operator must familiarise himself with the machine's method of operation and function so that the machine can be used in a safe and appropriate manner.

Keep a safe distance
Mennesker og dyr skal holdes borte fra maskinen når denne er i drift.
Hold avstand fra arbeidende, roterende og bevegelige deler.

Think safety at work
Never climb on the machine while it is operating. If maintenance must be carried out, the power supply must be disconnected.

Protective screens
Check that all screens are in order and correctly fitted. Do not start the machine until this has been done. Damaged screens must be repaired or replaced immediately.

Spare parts
For safety reasons we recommend that you only use original spare parts. The use of third-party spares invalidates the product guarantee.

Maintenance
Make sure that the machine is maintained satisfactorily and kept in good condition.
Never make alterations to the machine's structures.

The machine's working area
This must be physically cordoned off or locked in order to prevent hazards for
people and animals.

1.5.2 Additional safety-instructions

The machine is marked with a warning signs. If these signs are damaged, they must be replaced. The order number is shown on the illustrations in this section.
Fig. 4 for their location on the machine.

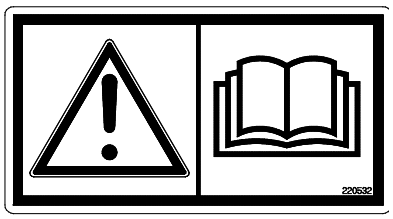


Fig. 1

Warning sign UH220532 (Fig. 1)
Ensure that you read and understand the instruction manual before using the machine, and before making any adjustments or performing any maintenance.

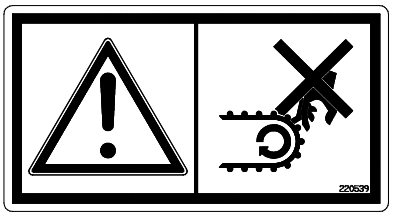


Fig. 2

Warning sign UH220539 (Fig. 2)
Finger fracture warning sign. Risk of finger fracture if fingers are trapped between the carrier and lower frame.

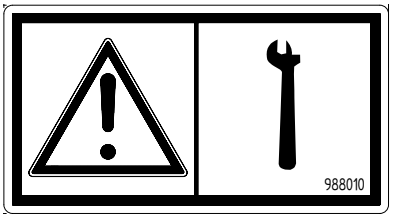


Fig. 3

Warning sign 988010 (Fig. 3)
NB! The carrier on the elevator belt and the chain on the elevator must be kept tight. It is therefore important and necessary to retighten the screws regularly.

1.5.3 Overview of safety risks

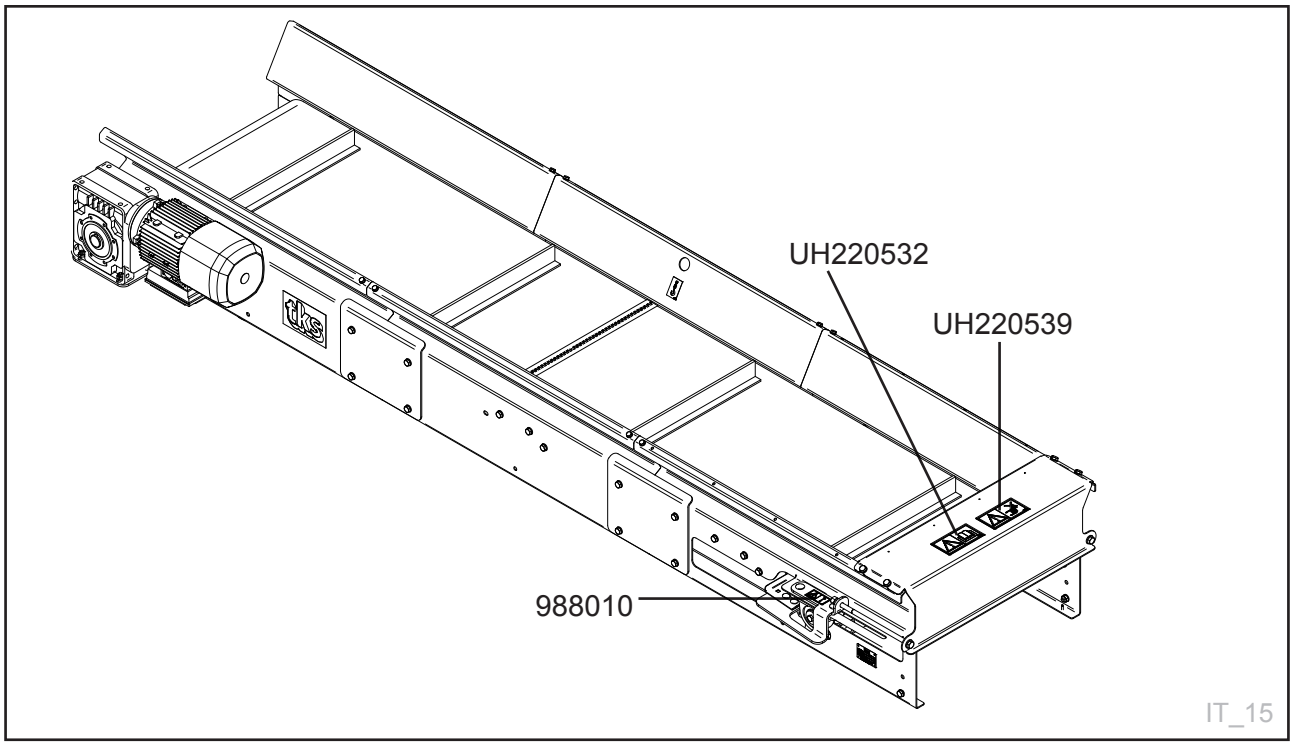


Fig. 4

IT_07

1.5.4 Lifting the machine with a crane

Only use approved lifting equipment.
The machine must be lifted from the points marked with a lifting symbol. **See Fig. 5**

Caution!
Ensure that no-one is under or close to the machine when it is being lifted.
Lift the machine using a strap attached to the main frame of the machine, so that the lift is balanced.
Check that the straps are properly fixed before starting the lift.
Use an extra strap to help keep the machine in position.

1.5.5 New machine – caution

Read the operator's manual
Be particularly careful when starting a new machine for the first time. Installation faults.
Be particularly careful when starting a new machine for the first time. Installation faults, incorrect operation, etc. may lead to expensive repairs and loss of earnings. The TKS product guarantee does not cover damage resulting from failure to follow the recommendations contained in the instruction manual.
Please pay particular attention to this symbol. It is used to highlight important information, to help prevent incorrect installation and operation.

Pay particular attention to the following when commissioning a new machine:
Check that the machine is correctly installed and that it is not damaged.

Lubricate the machine where shown on Fig. 8 in Section 3 on Maintenance

Remember that the operator is responsible for the product being properly packed.

1.5.6 Lifting point

The indicated lifting point must be used when lifting.

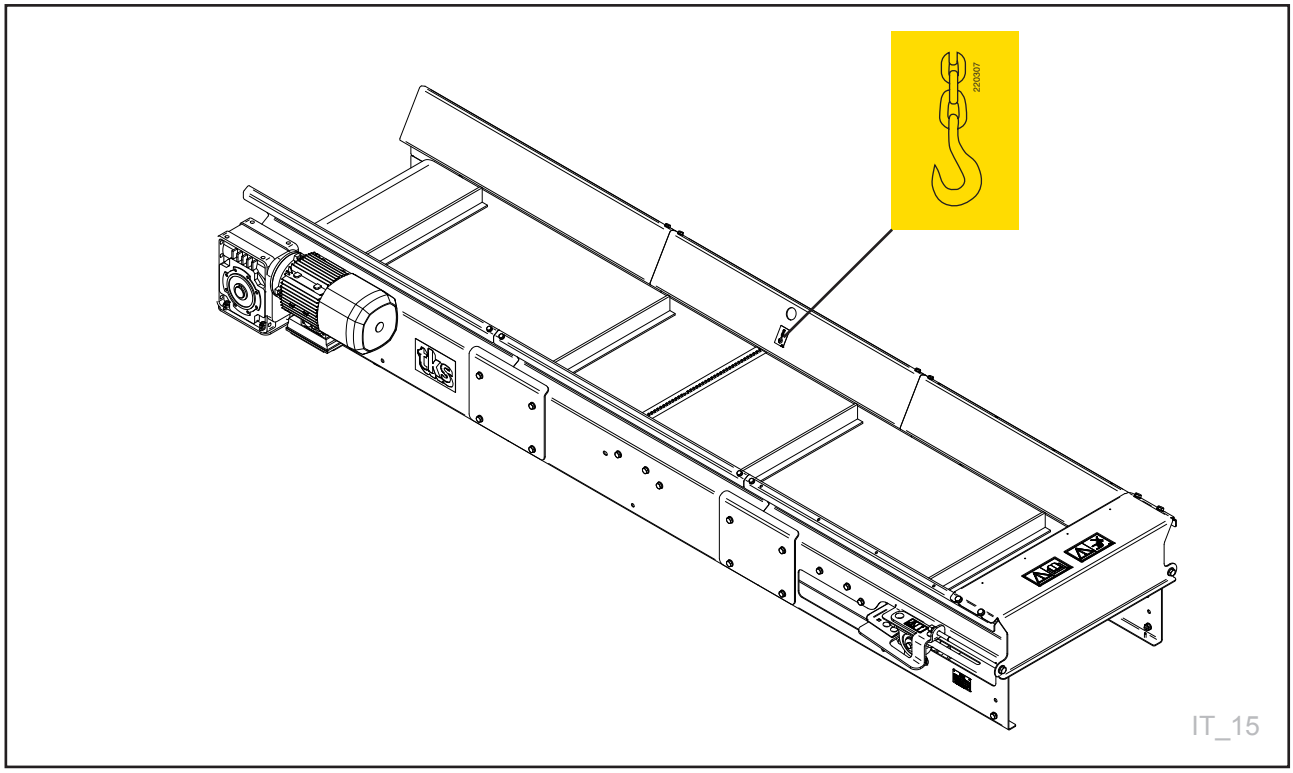


Fig. 5

1.6

Recycling
- waste to resource -

TKS's products rely on electrical and electronic components in order to work.
These fall under the generic term of EE products. TKS's products use typical components such as cables, switches, motors, control units, etc.

When TKS products are thrown away those components containing contaminants should be treated and sorted in such a way that they do not pollute the environment. Contaminants should be taken care of safely.

Distributors are obliged to accept EE waste from products in the range of goods they sell.
This waste should be kept safe and sent on to an approved waste recipient or treatment plant.
EE waste must be sorted and transported in such a way that it is not damaged or destroyed.

If you need further information on the treatment of EE waste, please contact your distributor.

Regards
TKS AS

2 Preparing a new machine

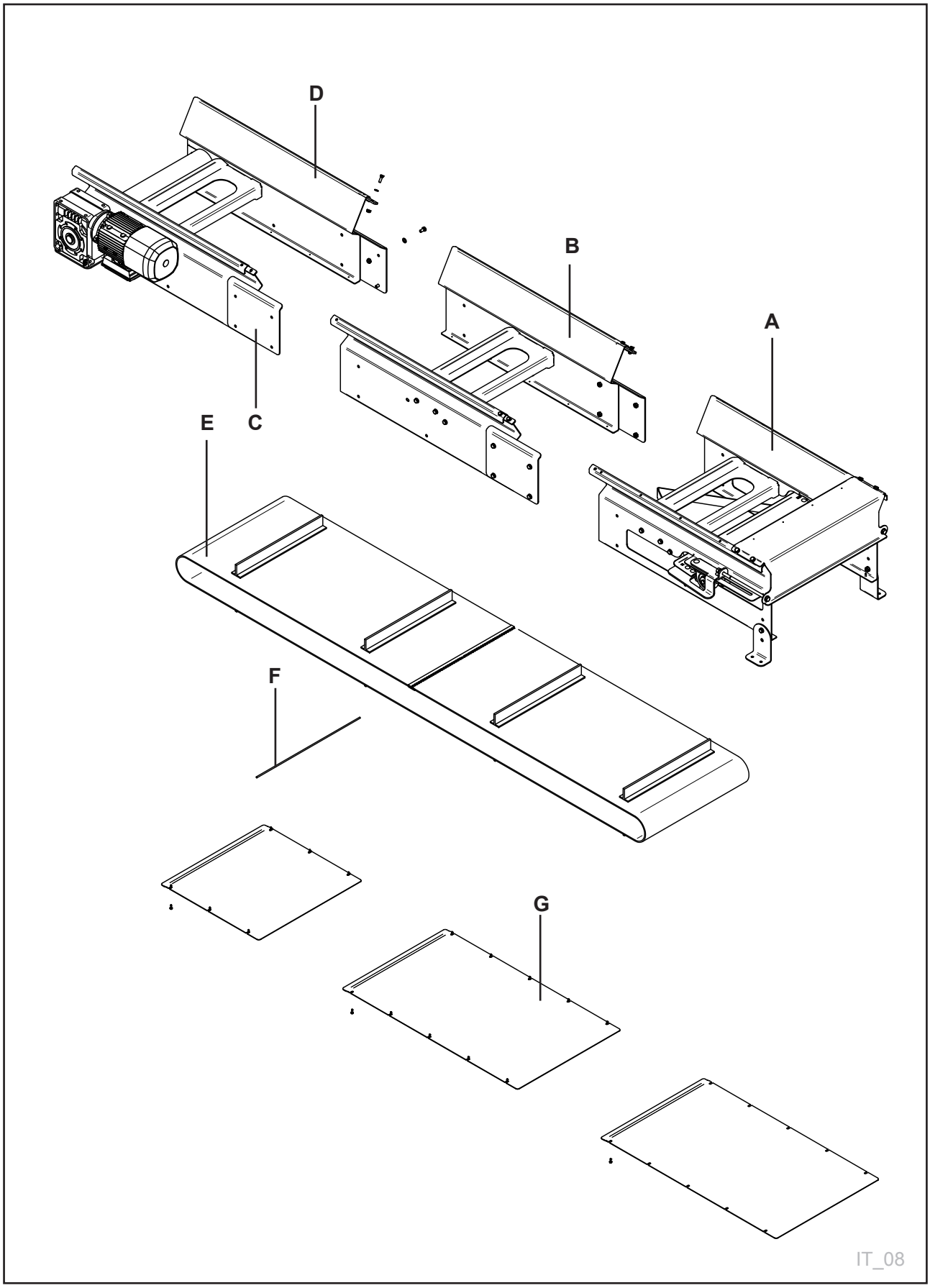


Fig. 6

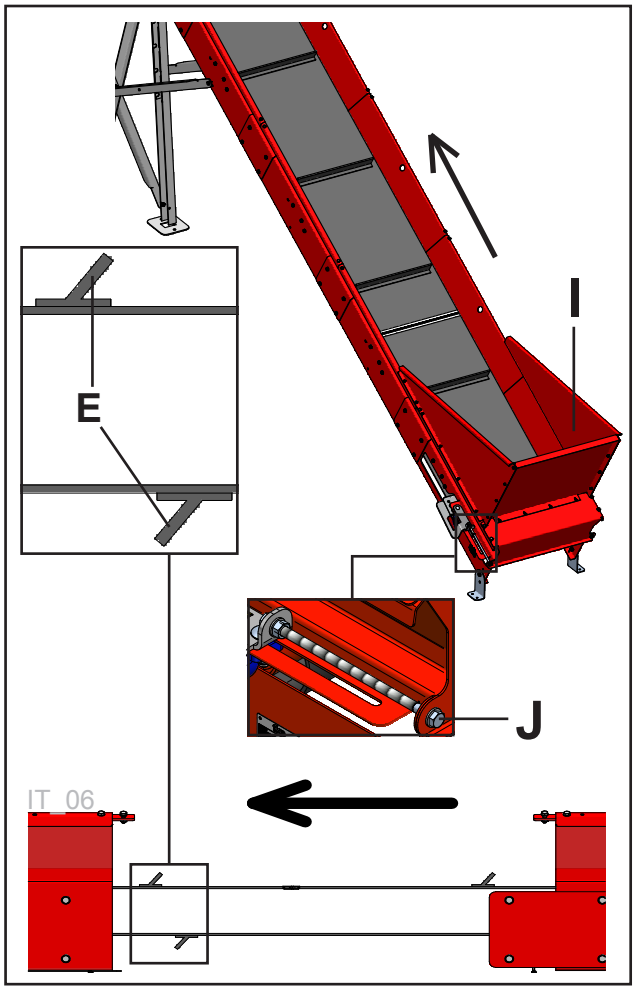


Fig. 7a

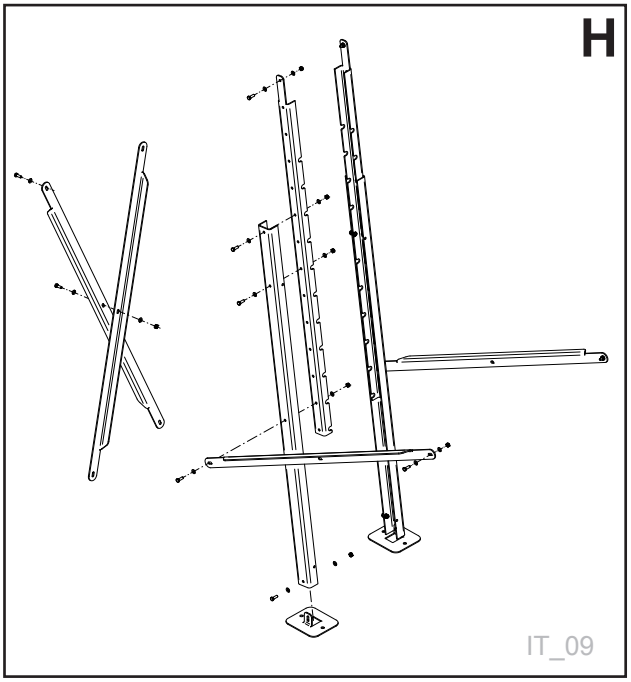


Fig. 7b

The Conveyor TR is packed and delivered as per the illustration. **See Fig. 6**
When assembling the TR Conveyor TR, remember to dispose of any cardboard, straps and plastic inan environmentally friendly manner.

Fitting of new Conveyor TR:

- Fit a 1 m return section **(A)** together with one or more mid-sections **(B)**, depending on the required length.
- Fit the sections together in the splice plates **(C)** using the associated screws.
- Then fit a 1 m operating section with a gear motor **(D)** at the end of the Conveyor TR
- Mount the belt the correct way. **See Fig. 7a**
- Thread the belt and carrier **(E)** on and lock in position using a belt splice pin **(F)**.
- When the belt has been threaded into position, fit the base plates **(G)** to the underside of the Conveyor TR using theassociated screws.
- Check that the belt tracks straight. This is done by tightening/slacken the screws **(J)** on the driving roller on the return section on both sides. Tighten the belt so that it doesn't spin on the driving roller.

See Fig. 7

If the Conveyor TR is to be installed on a slope using a supporting foot **(H)** and the slope exceeds 35°, a refilling funnel **(I)** may be used instead.
See Fig. 7a and 7b

Supporting foot

The supporting foot **(H)** is supplied as extra equipment.
Flat-packed with associated screws.
See the fitting instructions in **Fig. 7b**

2.1 Installing the power supply

All electrical installations must be carried out by an authorised electrician.
Use a supply cable with the correct cross section (2,5 mm^{O})

Adjust the motor protection to a suitable current draw:
230V = 9A
400V = 6A

3 Maintenance and care

Checklist for maintenance and care

NB! Always unplug the machine before carrying out inspection maintanance or repair.

- Clean the Conveyor TR belt, foot bearing, drum and bearing shields as and when necessary and at least once a month.
- The carrier belt must be kept taut. This is particularly important during the initial operating period. Must be re-tightened every week during the first month of use. It is important to tighten it in order to avoid damage to the carrier belt. It must not be tightened screw. Turn the screws an equal number of revolutions on each side.
- Lubricate the foot bearing
- The oil in the worms should not be exposed to temperatures below -30 C^{o}. For the machine to functionoptimally below -30 C^{o}, contact the manufacturer for advice and guidance.

Screw and bolt torque:

M6	11 Nm
M8	27 Nm
M10	53 Nm
M12	91 Nm
M16	222 Nm
M20	434 Nm
M24	750 Nm

Storing the Conveyor TR

If the Conveyor TR is to be left unused for some time, do the following:

NB!
TKS recommends using compressed air when cleaning.

Obs!
TKS does not recommend high-pressure washers when cleaning equipment.
Water may seep through the seals!

- Check the carriers, bearings and guards for damage.
- Lubricate the Conveyor TR in accordance with the lubrication schedule.
- Rectify any damage to the varnish.
- The Conveyor TR should ideally be used indoors or under cover.

3.1 Lubrication

Component / location		Quantity	Action	Operating
1	Lubricating nipple - bearings operating	1	Lubrication	10 h
2	Lubrication nipple - bearings return side	1	Lubrication	10 h

Oil change, worm

Amount 0,14 litre

AGIP	KLUBER	SHELL	MOBIL
Telium VSF 320	Syntheso D220 EP	Tivela Oil WB	Glygoil 30 SHC 630

Recommended grease: Ruysdael WR2 Q8 oils Recommended **oil:** Shell Tivela oil

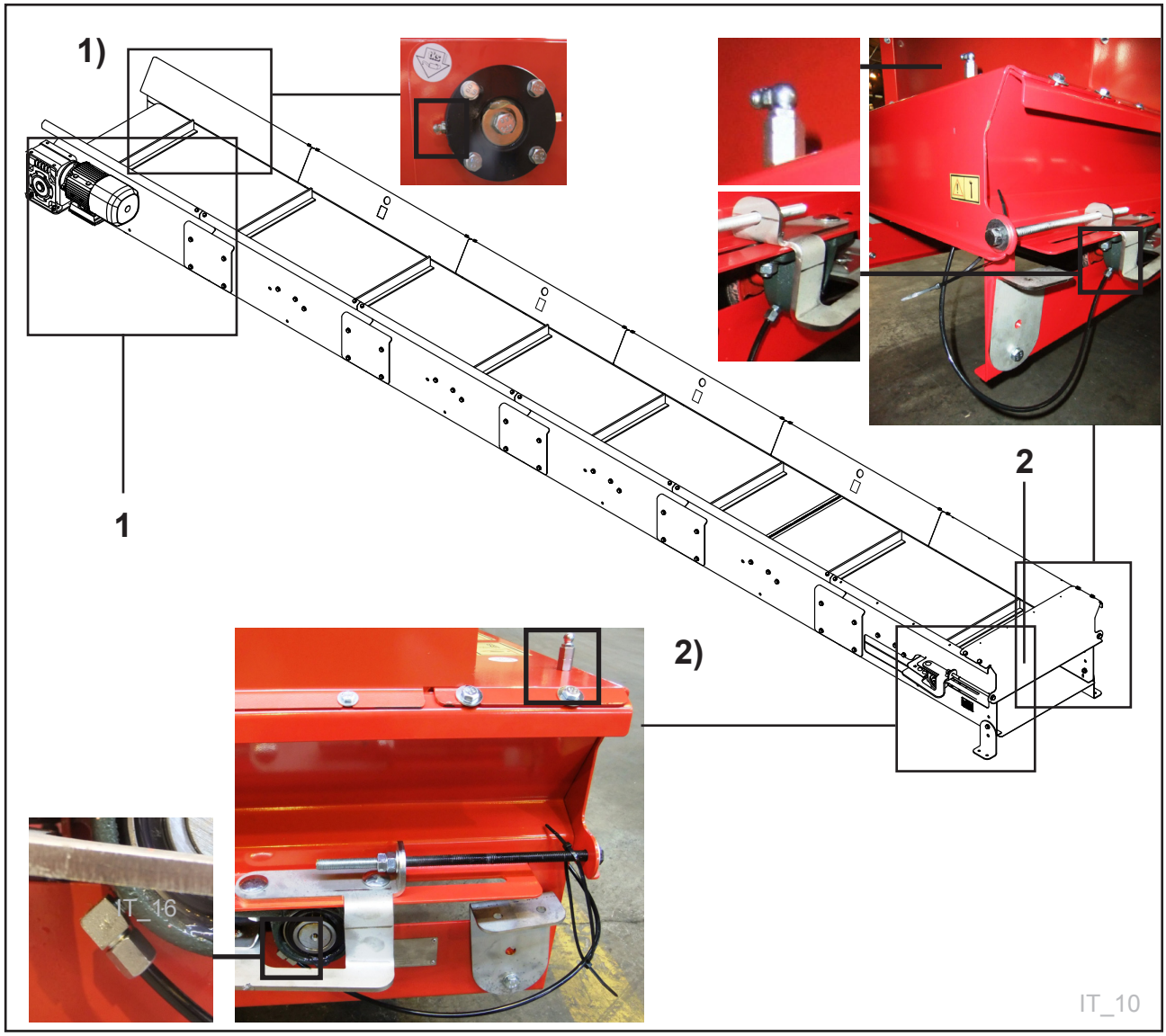


Fig. 8

3.2 Tightening the belt

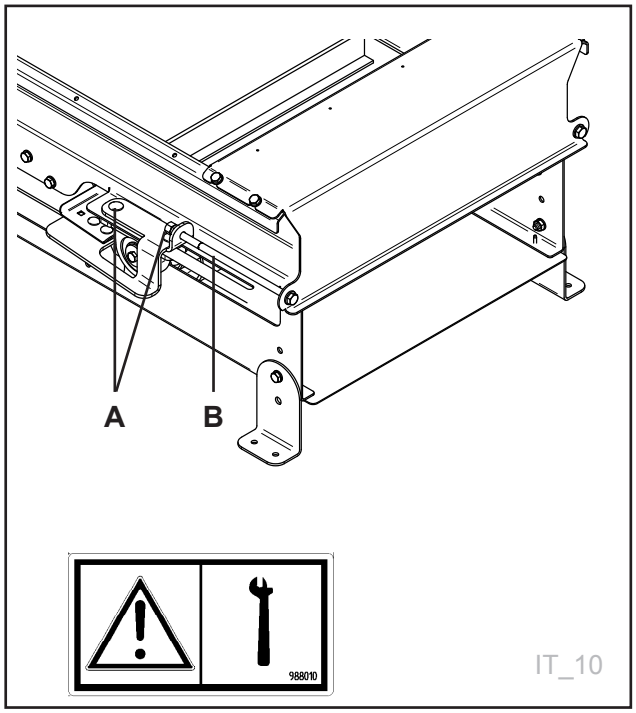


Fig. 9

It is important that the belt is taut. This should be checked at regular intervals.

- Before tightening the belt, the bearing must be loosened at the two locking screws (A) on both sides.
- The actual tightening is carried out by turning the tightening screw **(B)** on both sides of the return side.

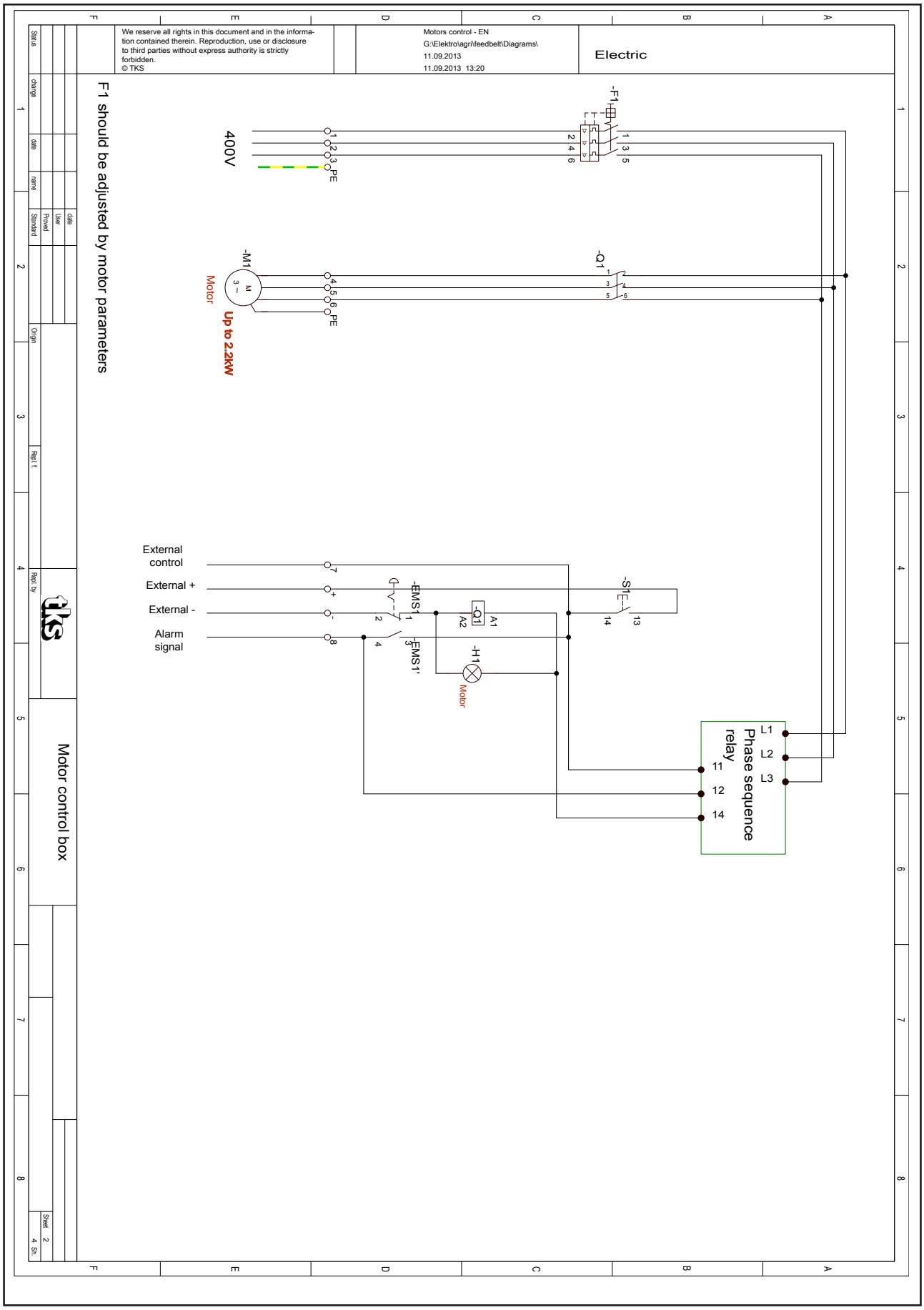
See Fig. 9

NB!

It is important to re-tighten the belt after just one or two days, as paint etc. can be worn off and result in slack in the carrier belt.

- Remember to turn the tightening screws on both sides an equal number of revolutions.
- Run the belt unloaded after tightening to check that everything works satisfactorily.

4 Circuit diagram - Conveyor TR



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Motors control - EN
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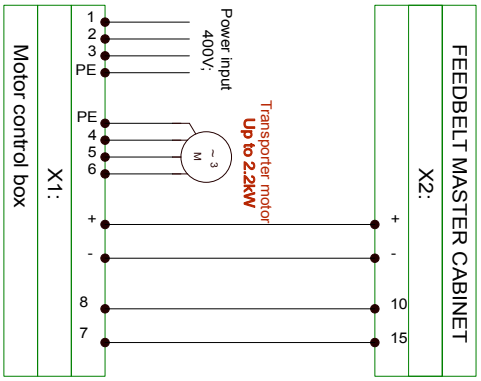
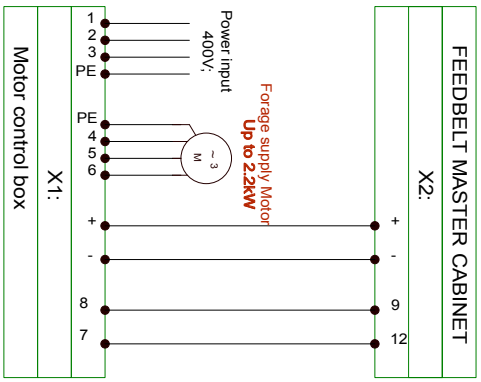
Electric

Wiring, when using in TKS FEEDBELT system for transporter motor



Wiring, when using in TKS FEEDBELT system for forage supply motor



Motor control box

Sheet 3
4 Sh.

Warranty form

Conveyor TR

Owner : _____
Address : _____
Post adress: _____

Sales Company : _____ *Name of sales rep:* _____
Department: _____ *Name of fitter:* _____
Date of sale: _____ *Order no.:* _____
Date of commissioning: _____

An instructor/fitter who represents the sales company and the owner/user of the equipment must jointly go through these points from the user manual before the equipment is used.

Tick off if OK:

	Have danger zones, crushing risks and the way in which the machine is operated safely been assessed and reviewed?
	Have all safety instructions for the machine been read and reviewed?
	Has the tension of the belt been adjusted, and goes the belt in the right direction?
	Has the motor protection been adjusted according to the size of the motor?
	Has the mounting been reviewed jointly (fitter/user) during the commissioning process?
	Have fixed routines for maintenance and inspection of the Conveyor TR been established?

It is hereby confirmed that the user manual has been followed and reviewed.
Training is confirmed as approved by the users and owner.

Signature of owner and user: _____

E-mail: _____

Dealer's representative: _____

E-mail: _____

The TKS warranty provisions will only apply when the quality control has been documented as having been completed. A copy must be sent to TKS and the sales rep.

Warranty form

Conveyor

Owner : _____
Address : _____
Post adress: _____

Sales Company : _____ *Name of sales rep:* _____
Department: _____ *Name of fitter:* _____
Date of sale: _____ *Order no.:* _____
Date of commissioning: _____

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	Have all safety instructions for the machine been read and reviewed?
	Has the tension of the belt been adjusted, and goes the belt in the right direction?
	Has the motor protection been adjusted according to the size of the motor?
	Has the mounting been reviewed jointly (fitter/user) during the commissioning process?
	Have fixed routines for maintenance and inspection of the conveyor been established?

It is hereby confirmed that the user manual has been followed and reviewed.
Training is confirmed as approved by the users and owner.

Signature of owner and user: _____

E-mail: _____

Dealer's representative: _____

E-mail: _____

The TKS warranty provisions will only apply when the quality control has been documented as having been completed. A copy must be sent to TKS and the sales rep.

Notes

5 Reservedelsliste / Spare parts list

Conveyor TR

Gyldig fra serienr.:/Valid from serial no.

Ved bestilling av deler må en merke seg følgende:

Oppgi alltid serienummer. Dette står på identifiseringsskiltet.
Oppgi delenummer og benevnelse.
Referansenummeret brukes bare for å sammenholde deletegning av betegnelse i lista og skal derfor oppgis.

Please note the following when ordering spare parts:

It should always be refered to serial number. This is found on the identification plate.
The spare parts number and description should be used.
The reference number is used only to help identifying the spare part on the illustration.

Supplied by:

Innhold	Content	Fig.	Side/Page
TRANSPORTØR TR	CONVEYOR TR	1	34
		2	38
EKSTRAUTSTYR	OPTION	3	42
STYRESKAP	CONTROL CABINET	4	44

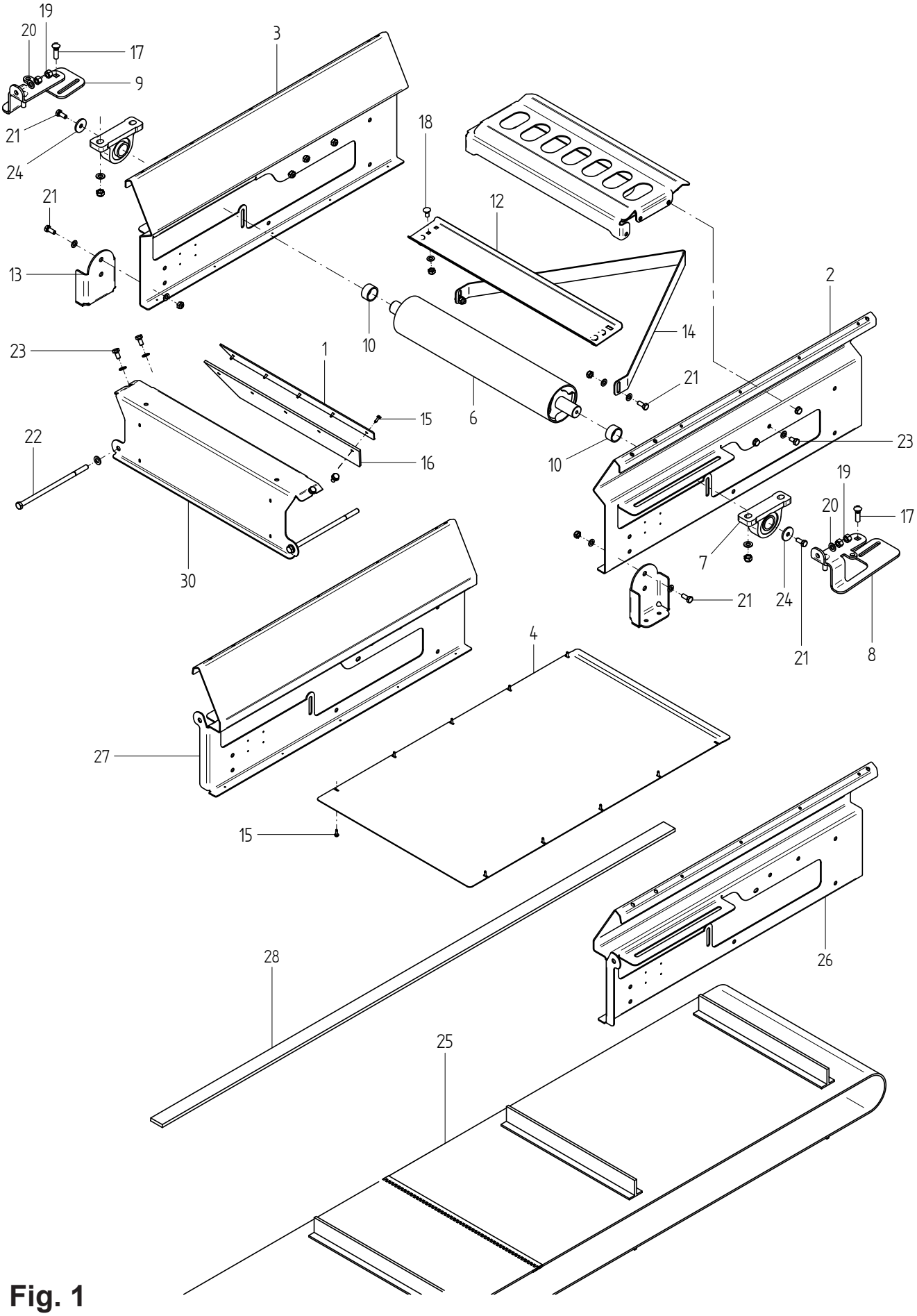
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Fig. 1

T2_01

Utgave: / Issue: 1	Redskap: / Implement: **CONVEYOR TR**	tks
Dato: / Date: **12-05**	Enhet: / Unit:	Fig: **1**

Ref. No.	Delenr. Part nr.	Ant. Qty.	Gjenstand:	Description:	Anmerkning: Note:
1	273646	1	KLEMLIST TRAKT	CLAMP	00000
	910306	5	PLATESKRUE 4,2X16	PLATE SCREW 4,2X16	
2	273627	1	SIDEPLATE RETUR H.	SIDE PLATE RETURN RH.	**Valid up to → 045**
	911005	3	6KT. SKRUE M10X20	HEX. BOLT M10X20	
	920262	6	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	3	LÅSEMUTTER M10	LOCK NUT M10	
3	273628	1	SIDEPLATE RETUR V.	SIDE PLATE RETURN LH.	**Valid up to → 045**
	911005	3	6KT. SKRUE M10X20	HEX. BOLT M10X20	
	920262	6	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	3	LÅSEMUTTER M10	LOCK NUT M10	
4	273632	1	BUNNPLATE 1M	BOTTOM PLATE 1M	
	910306		PLATESKRUE 4,2X16	PLATE SCREW 4,2X16	
5	273622	1	FØRINGSPLATE	GUIDING PLATE	
6	273637	1	TROMMEL RETUR	DRUM RETURN	
	911006	2	6KT. SKRUE M10X25	HEX. BOLT M10X25	
	920225	2	BRIKKE M10/Ø40/4MM	WASHER M10/Ø40/4MM	
7	G66102	2	FOTLAGER UCP 207 35MM.	PLUMMER BLOCK	
8	273623	2	STRAMME JERN H.	TENSION PLATE RH.	
9	273605	2	STRAMME JERN V.	TENSION PLATE LH.	
	911269	4	LÅSESKRUE M12X40	LOCK NUT M12X40	
	920155	8	BRIKKE M12/Ø24/2.5MM	WASHER M12/Ø24/2.5MM	
	917205	4	LÅSEMUTTER M12	LOCK NUT M12	
10	273602	2	HYLSE 22MM	BUSHING 22MM	
11	273620	1	ENDEPLATE	END PLATE	
	911005	2	6KT. SKRUE M10X20	HEX. BOLT M10X20	
	920262	4	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	4	LÅSEMUTTER M10	LOCK NUT M10	
12	273608	1	AVSKRAPER	SCRAPER	
	911022	4	LÅSESKRUE M10X20	LOCK NUT M10X20	
	920262	4	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	4	LÅSEMUTTER M10	LOCK NUT M10	
13	273609	2	FOT	FOOT	
	911006	2	6KT. SKRUE M10X25	HEX. BOLT M10X25	
	920262	4	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	2	LÅSEMUTTER M10	LOCK NUT M10	
14	273624	1	BELTE AVSKRAPER	SCRAPER	
	911006	2	6KT. SKRUE M10X25	HEX. BOLT M10X25	
	920262	4	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	2	LÅSEMUTTER M10	LOCK NUT M10	
15	910626	1	SUPERTEX HB ST4.8X16	SUPERTEX HB ST4.8X16	
16	273631	2	GUMMI LIST	RUBBER LIST	
17	911269	4	LÅSESKRUE M12X40	LOCK SCREW M12X40	
18	911022	4	LÅSESKRUE M10X20	LOCK SCREW M10X20	

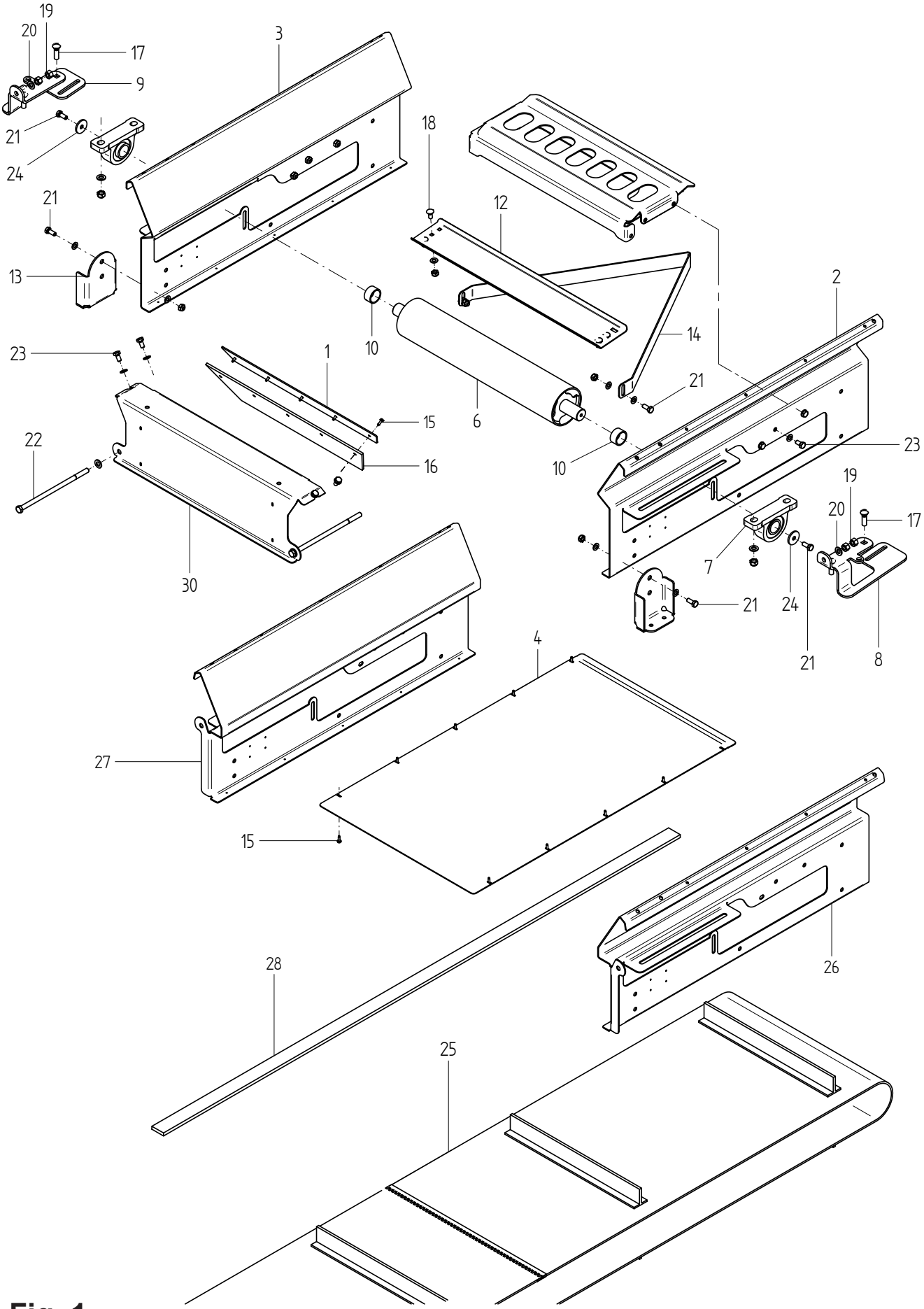
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Fig. 1

T2_01

Utgave: Issue: 1	Redskap: Implement: **CONVEYOR TR**	tks
Dato: Date: **12-05**	Enhet: Unit:	Fig: **1**

Ref. No.	Delenr. Part nr.	Ant. Qty.	Gjenstand:	Description:	Anmerkning: Note:
					Serialno.:
19	917103	4	6KT. MUTTER M12	HEX. NUT M12	
20	920155	8	BRIKKE M12/Ø24/2.5MM	WASHER M12/Ø24/2.5MM	
21	911006	6	6KT. SKRUE M10X25	HEX. BOLT M10X25	
22	UH810718	2	6KT.SKR.HELGJ.M12X280	HEX. BOLT THREADED M12X280	
23	911005	10	6KT. SKRUE M10X20	HEX. BOLT M10X20	
24	920225	2	BRIKKE M10/Ø40/4MM	WASHER M10/Ø40/4MM	
			GJELDER OPP TIL SERIENR. → 014	**VALID UP TO SERIALNR. → 014**	**Galv skjøt 187**
25a	273672	1	BELTE M/MEDBRINGER FOR 3M	CONVEYOR BELT 3M	
25b	273661	1	BELTE M/MEDBRINGER FOR 4M	CONVEYOR BELT 4M	
25c	273662	1	BELTE M/MEDBRINGER FOR 5M	CONVEYOR BELT 5M	
25d	273663	1	SKJØTEBELTE 2M LENGDE	BELT EXTENTION 2M LENGHT	
*	273684		BELTESKJØT 600MM FLEXO	BELT CONNECTION 600MM	
			GJELDER FRA SERIENR. 015 →	**VALID FROM SERIALNR. 015 →**	**Rustfri skjøt 125**
25e	274002	1	BELTE M/MEDBRINGER FOR 3M	CONVEYOR BELT 3M	
25f	274003	1	BELTE M/MEDBRINGER FOR 4M	CONVEYOR BELT 4M	
25g	274004	1	BELTE M/MEDBRINGER FOR 5M	CONVEYOR BELT 5M	
25h	274001	1	SKJØTEBELTE 2M LENGDE	BELT EXTENTION 2M LENGHT	
*	273679		BELTESKJØT 600MM FLEXO	BELT CONNECTION 600MM	
26	273686	1	SIDEPLATE RETT RETUR H.	SIDE PLATE STRAIGHT RET. RH	**Valid from 046 →**
27	273687	1	SIDEPLATE RETT RETUR V.	SIDE PALTE STRAIGHT RET. LH	**Valid from 046 →**
	274008		**REP. KIT TRANSPORTØR**	**REP. KIT CONVEYOR**	
28	273698	1	PLASTPLATE PEHD 1000	PLASTIC PLATE PEHD 1000	

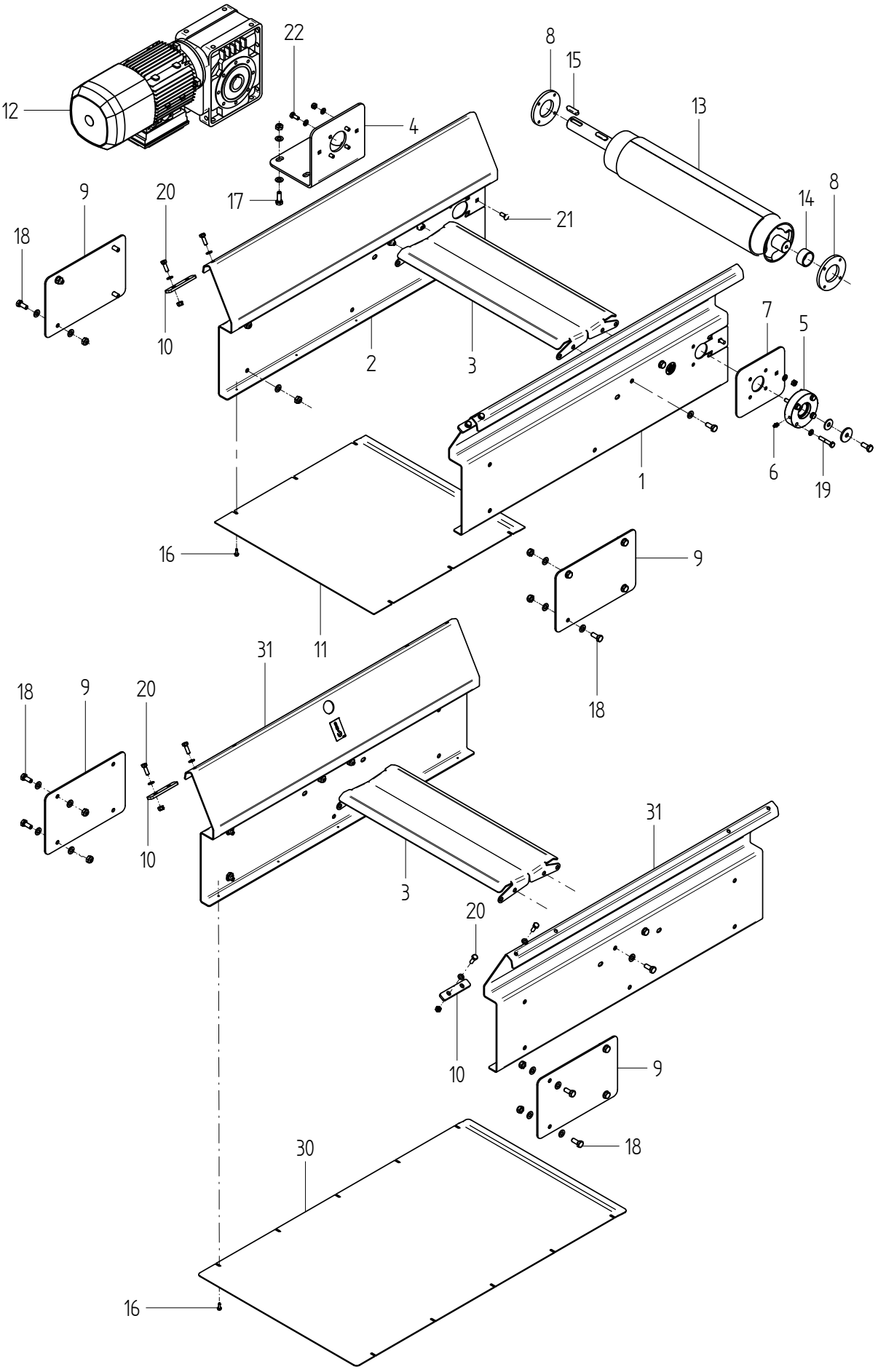
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Fig. 2

T2_02

Utgave: Issue: 1	Redskap: Implement: **CONVEYOR TR**	
Dato: Date: **12-05**	Enhet: Unit:	Fig: **2**

Ref. No.	Delenr. Part nr.	Ant. Qty.	Gjenstand:	Description:	Anmerkning: Note:
					Serialno.:
1a	273603	1	SIDEPLATE DRIFT V.	SIDE PLATE DRIVE LH.	**Valid up to → 045**
1b	273688	1	SIDEPLATE RETT DRIFT V.	SIDE PLATE STRAIGHT DR. LH.	**Valid from 046 →**
2a	273604	1	SIDEPLATE DRIFT H.	SIDE PLATE DRIVE RH.	**Valid up to → 045**
2b	273689	1	SIDEPLATE RETT DRIFT H.	SIDE PLATE STRAIGHT DR. RH.	**Valid from 046 →**
3	273739	2	FØRINGSPLATE	GUIDING PLATE	
	911005	4	6KT. SKRUE M10X20	HEX. BOLT M10X20	
	920262	8	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	4	LÅSEMUTTER M10	LOCK NUT M10	
4	273614	1	SNEKKEFESTE	BRACKET	
	911009	4	6KT. SKRUE M10X30	HEX. BOLT M10X30	
	920262	8	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	4	LÅSEMUTTER M10	LOCK NUT M10	
	910810	1	LÅSESKRUE M8X20	LOCK SCREW M8X20	
	920165	1	BRIKKE M8/Ø16/1.6MM	WASHER M8/Ø16/1.6MM	
	917202	1	LÅSEMUTTER M8	LOCK NUT M8	
	910808	4	6KT. SKRUE M8X20	HEX. BOLT M8X20	
	920165	4	BRIKKE M8/Ø16/1.6MM	WASHER M8/Ø16/1.6MM	
	917202	4	M8 LÅSEMUTTER	LÅSEMUTTER M8	
5	273697	1	LAGERHUS M/LAGER	BEARING HOUSING W/BEARING	
	910795	4	6KT. SKRUE M8X45	HEX. BOLT M8X45	
	920165	4	BRIKKE M8/Ø16/1.6MM	WASHER M8/Ø16/1.6MM	
	917202	4	LÅSEMUTTER M8	LOCK NUT M8	
	910808	1	6KT. SKRUE M8X20	HEX. BOLT M8X20	
	920165	1	BRIKKE M8/Ø16/1.6MM	WASHER M8/Ø16/1.6MM	
	917202	1	LÅSEMUTTER M8	LOCK NUT M8	
6	UH415758	1	ANSATS M8X1	NIPPLE M8X1	
7	273615	1	PLATE	PLATE	
	910810	1	LÅSESKRUE M8X20	LOCK SCREW M8X20	
	920165	1	BRIKKE M8/Ø16/1.6M	WASHER M8/Ø16/1.6M	
	917202	1	LÅSEMUTTER M8	LOCK NUT M8	
8	273612	2	LÅSERING	LOCKING RING	
9	273629	2	SKJØTEPLATE	CONNECTION PLATE	
10	273626	2	SKJØTEPLATE	CONNECTION PLATE	
	910823	4	LÅSEMUTTER M8	LOCK NUT M8	
	920165	8	BRIKKE M8/Ø16/1.6MM	WASHER M8/Ø16/1.6MM	
	917202	4	LÅSEMUTTER M8	LOCK NUT M8	
11	273633	1	BUNNPLATE	BOTTOM PLATE	
	910306	6	PLATESKRUE 4,2X16	PLATE SCREW 4,2X16	
12	925021	1	SNEKKE M/MOTOR 1500OMD.	WORM W/MOTOR 1500REV.	230/400V
13	273696	1	TROMMEL DRIFT	DRUM	
14	273602	1	HYLSE 22MM	COLLAR 22MM	
15	920311	2	KILE 10X8X40	KEY 10X8X40	
16	910306	6	PLATESKRUE 4,2X16	PLATE SCREW 4,2X16	
17	911009	5	6KT. SKRUE M10X30	HEX. BOLT M10X30	

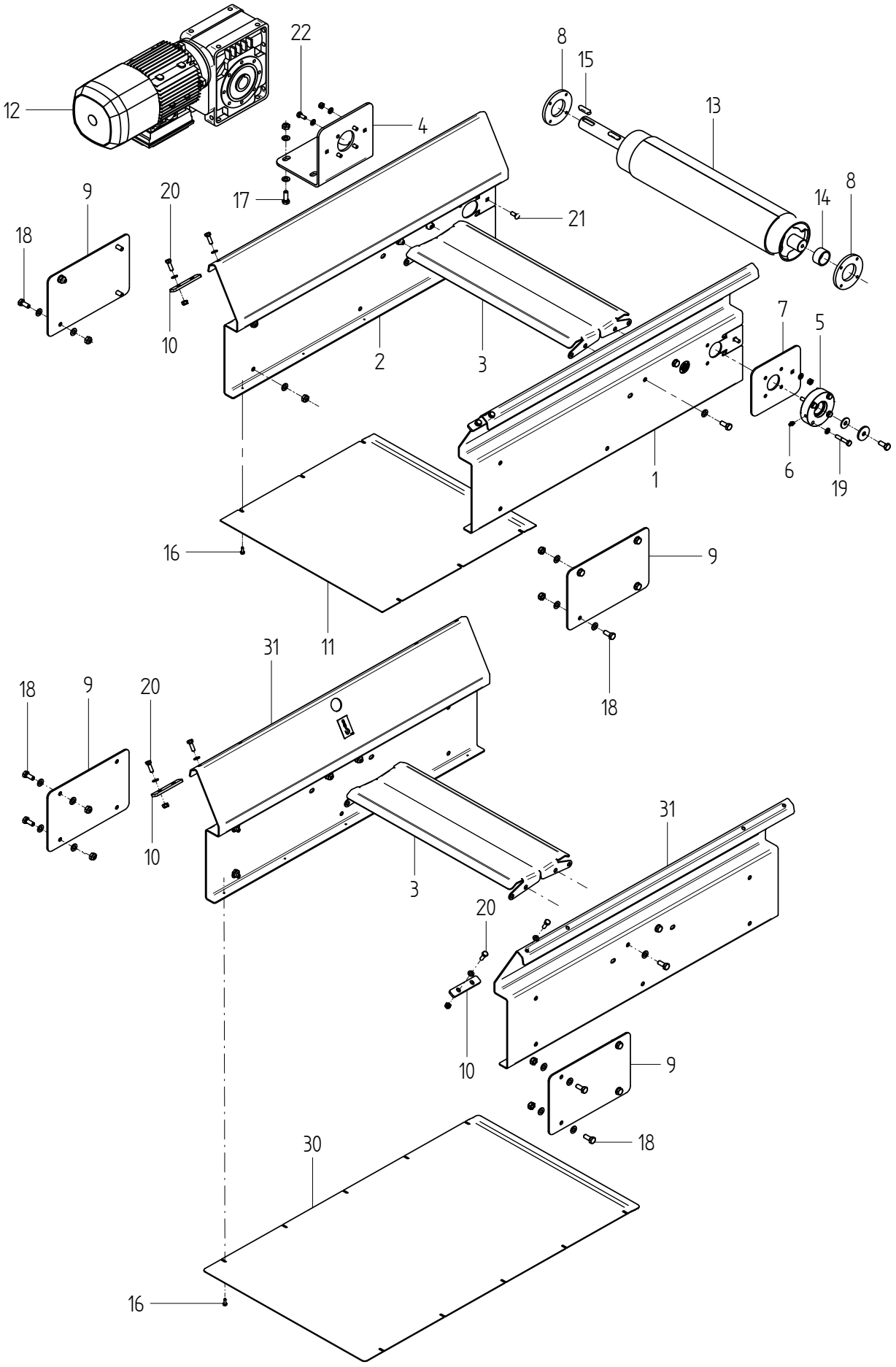
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Fig. 2

T2_02

Utgave: Issue: 1	Redskap: Implement: **CONVEYOR TR**	
Dato: Date: **12-05**	Enhet: Unit:	Fig: **2**

Ref. No.	Delenr. Part nr.	Ant. Qty.	Gjenstand:	Description:	Anmerkning: Note:
					Serialno.:
18	911005	14	6KT. SKRUE M10X20	HEX. BOLT M10X20	
19	910795	4	6KT. SKRUE M8X45	HEX. BOLT M8X45	
20	910823	46	6KT. SKRUE M8X25	HEX. BOLT M8X25	
21	910810	2	LÅSESKRUE M8X20	LOCK SCREW M8X20	
22	910808	4	6KT. SKRUE M8X20	HEX. BOLT M8X20	
30	273632	1	BUNNPLATE 1M	BOTTOM PLATE 1M	
31a	273625	2	SIDEPLATE 1M	SIDE PLATE 1M	**Valid up to → 045**
31b	273685	2	SIDEPLATE RETT 1M	SIDE PLATE STRAIGHT 1M	**Valid from 046 →**
	910823	4	6KT. SKRUE M8X25	HEX. BOLT M8X25	
	920165	8	BRIKKE M8/Ø16/1.6MM	WASHER M8/Ø16/1.6MM	
	217202	4	ARM	ARM	
	911005	6	6KT. SKRUE M10X20	HEX. BOLT M10X20	
	920262	12	BRIKKE M10/Ø20/2MM	WASHER M10/Ø20/2MM	
	917204	6	LÅSEMUTTER M10	LOCK NUT M10	

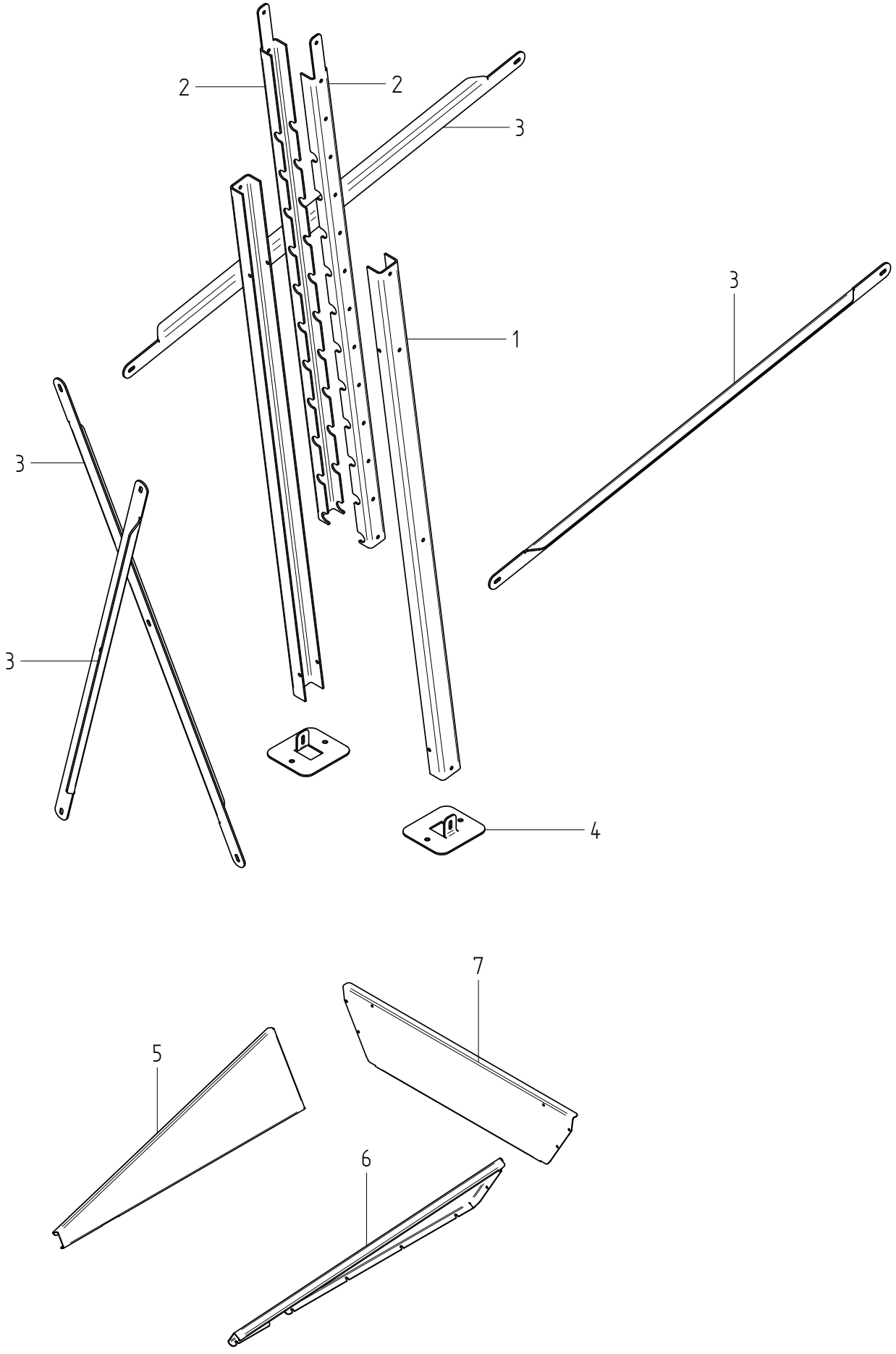

Fig. 3

T2_03

Utgave: / Issue:	1	Redskap: / Implement:	CONVEYOR TR	tks
Dato: / Date:	12-05	Enhet: / Unit:	EKSTRAUTSTYR OPTION	Fig: 3

Ref. No.	Delenr. Part nr.	Ant. Qty.	Gjenstand:	Description:	Anmerkning: Note:
1	273470	2	NEDRE KANAL	LOWER CANAL	
2	273471	2	ØVRE KANAL	UPPER CANAL	
3	273472	2	STAG	STAY	
4	273473	2	FOTPLATE	BASE PLATE	
5	273674	1	TRAKTSIDE H.	SIDE PLATE RH	
6	273675	1	TRAKTSIDE V.	SIDE PLATE LH	
7	273676	1	TRAKT ENDE	END PLATE	
	910603	18	6KT. SKRUE M6X16	HEX. BOLT M6X16	
	917201	18	LÅSEMUTTER M6	LOCK NUT M6	
	920152	22	BRIKKE M6/Ø12,5/1,6MM	WASHER M6/D12,5/1,6MM	
	920175	14	BRIKKE M6/Ø20/1,6MM	WASHER M6/D20/1,6MM	

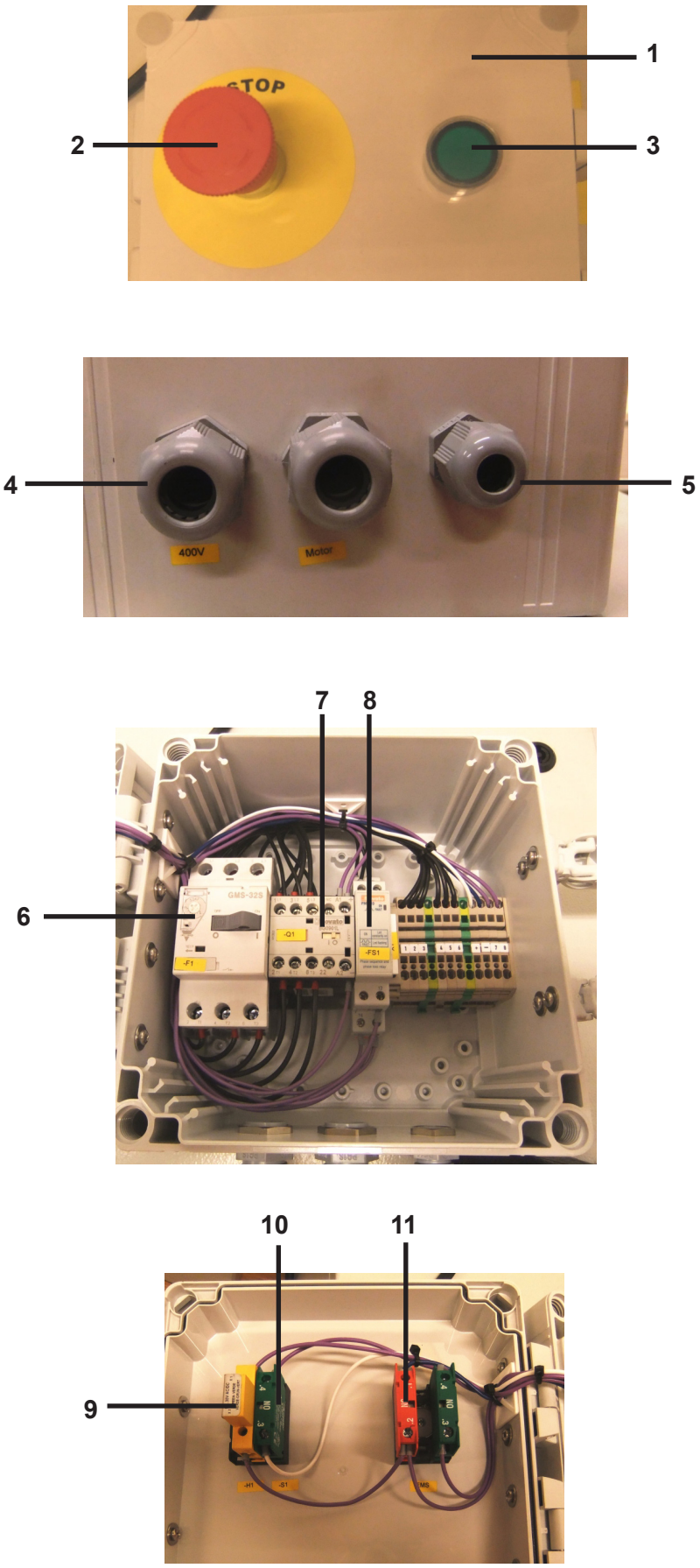

Fig. 4

Utgave: Issue:	1	Redskap: Implement:	CONVEYOR TR	tks
Dato: Date:	13-09	Enhet: Unit:	STYRESKAP CONTROL CABINET	Fig: 4

Ref. No.	Delenr. Part nr.	Ant. Qty.	Gjenstand:	Description:	Anmerkning: Note:
1	**27718**	**1**	**STYRESKAP**	**CONTROL CABINET**	
2	951516	1	NØDSTOPPKNAPP TRYKK/VRI	EMERGENCY STOP BUTTON	
3	951517	1	BRYTER NO M GRØNT LYS, 8	SWITCH GREEN LIGHT	
4	955014	1	PAKKN. M/STR PG 16 PLAST	GASKET PG 16 PLASTIC	
5	955012	1	PAKKN. M/STR PG 11 PLAST	GASKET PG 11 PLASTIC	
6	959411	1	MOTORVERNBRYTER 4-6 amp	MOTOR-PROTECTION SWITCH	
7	951494	1	KONTAKTOR MINI 11 BG09 01	CONTACTOR MINI 11 BG09 01	
8	951484	1	FASEOVERVÅKINGSRELE PMV10	PHASE MONITORING RELAY	
9	951502	1	LYS GRØNN, 8 LM2T LB3 24V	LIGHT GREEN 8 LM2T LB3 24V	
10	951500	1	BRYTERELEMENT NO,8 LM2T C10	SWITCH ELEMENT NO,8 LM2T C10	
11	951501	1	BRYTERELEMENT NC,8 LM2T C01	SWITCH ELEMENT NC,8 LM2T C01	

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